Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 24 Aug 2022 until 23:59 on Thursday 25 Aug 2022

Forecast Issued on Wednesday 24 Aug 2022 at 03:36

Confidence: High confidence in the general story, with unsettled conditions and a transition to finer weather through the Bank Holiday weekend. However, lower confidence in the detail of showers and rainfall.

Headline for Wednesday 24 Aug 2022: Cloudy with outbreaks of rain, locally heavy at times. Drier and brighter in the east.

Mountain weather hazards on Wednesday 24 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain	Drizzle	Light rain	Dull
Precipitation probability					
70%	80%	60%	30%	70%	20%

Forecast for Wednesday 24 Aug 2022

Weather: Widely cloudy with periods of rain throughout the day, turning locally heavy at times. Some brighter intervals are likely during the afternoon, especially towards Bakewell and eastern parts of the Park. Where cloud breaks persist, fair weather cloud is expected to form with perhaps the odd shower developing; there is a very low probability of these turning heavy or thundery. During the evening, further rain and cloud is expected to arrive from the southwest however, this is likely to be lighter and patchier with significant uncertainty in detail.

Chance of cloud-free hill tops above 600m: 60%, reducing from the west to 30%. Increasing to 80% by late afternoon, across the east of the Park and where breaks in the rain persist.

Low cloud and visibility: Widespread low cloud is expected to push eastwards across the park initially, with cloud bases widely down to 300-400m, lowest on western facing slopes. Cloud will lift by mid-afternoon, lifting clear of most summits, particularly in the north and east where breaks in the weather persist. Visibility beneath cloud will be poor or very poor in association with any rain or drizzle. Visibilities better in valleys, and outside rainfall, but still quite hazy.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 24 Aug 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 S	19/25 SW	14/19 SW	12/16 W	9/12 W	7/10 W	5/9 NW
300	18/25 S	15/22 SW	11/15 SW	8/12 W	5/8 W	5/8 W	4/6 W
Valley	9/24 S	10/21 SW	7/14 SW	5/10 SW	3/7 W	4/8 NW	3/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/12	15/12	16/14	15/14	15/14	14/13	13/12
300	17/15	17/15	18/16	18/17	17/17	16/16	15/15
Valley	17/17	18/17	18/18	18/18	17/18	16/16	15/15
Freezing Level*	3600m	3500m	3100m	3400m	3400m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Visibility is likely to be impaired intermittently throughout the day particularly near summits, due to hill fog, drizzle and/or heavy rainfall. Extra care should be taken whilst walking as rain will cause paths and rocks to become slippery, with surface flooding possible. There may be some cloud breaks and drier spells, allowing a risk of moderate UV levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 24 Aug 2022	0.2mm	10mm	10.8mm

Forecast for Thursday 25 Aug 2022

Weather: Any remnants of frontal rain and cloud will clear to the east during the early hours. Valleys may see some early mist and fog patches. Thereafter a widely fine day with fair weather cloud bubbling up during the afternoon. Remaining dry. Feeling cooler and less humid than of late.

Maximum wind: Westerly 15-20mph.

Chance of cloud-free hill tops above 600m: 30% in the early hours, soon improving to above 90%.

Low cloud and visibility: Low cloud covering the hills at first with bases down to 300-400m. Elsewhere, early patches of mist and fog in valleys clearing by mid-morning. Visibility will be poor in early rain and very poor in mist and fog patches. Haziness clearing to leave very good visibility.

Temperature: **Valleys:** Plus 12 Celsius increasing to Plus 18 Celsius
At 600m: Plus 7 Celsius rising to Plus 16 Celsius
Freezing level: Well above summits.

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